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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/668,062	09/22/2003	Leonid A. Bekker	5707-05100	3007

7590 05/31/2006

Jeffrey C. Hood
Meyertons, Hood, Kivlin, Kowert & Goetzel PC
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EXAMINER

DUDA, RINA I

ART UNIT PAPER NUMBER

2837

DATE MAILED: 05/31/2006

Please find below and/or attached an Office communication concerning this application or proceeding.



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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
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10/668062

09/22/2003

LEONID BEKKER

5707-05100

EXAMINER

R. DUDA

ART UNIT

PAPER

2837

05182006

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner for Patents

Information Disclosure Statement

1. The information disclosure statement filed 4/10/06 fails to comply with 37 CFR 1.97(d) because it lacks a statement as specified in 37 CFR 1.97(e) and it lacks the fee set forth in 37 CFR 1.17(p). It has been placed in the application file, but the information referred to therein has not been considered.
2. The information disclosure statement filed 1/12/06 fails to comply with 37 CFR 1.97(c) because it lacks the fee set forth in 37 CFR 1.17(p). Plus, it also fails to comply with 37 CFR 1.98(a)(1), which requires the following: (1) a list of all patents, publications, applications, or other information submitted for consideration by the Office; (2) U.S. patents and U.S. patent application publications listed in a section separately from citations of other documents; (3) the application number of the application in which the information disclosure statement is being submitted on each page of the list; (4) a column that provides a blank space next to each document to be considered, for the examiner's initials; and (5) a heading that clearly indicates that the list is an information disclosure statement. The information disclosure statement has been placed in the application file, but the information referred to therein has not been considered.

Rina Duda
RINA DUDA
PRIMARY EXAMINER

IDS - 01/12/2006



Ifw

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/668,062

Filed: September 22, 2003

Inventor(s):

Leonid A. Bekker

Examiner: Unknown

Group/Art Unit: Unknown

Atty. Dkt. No: 5707-05100

Title: METHOD AND
APPARATUS TO
ACHIEVE ACCURATE
FAN TACHOMETER
WITH PROGRAMMABLE
LOOK-UP TABLE

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Jeffrey C. Hood

Signature

1/10/2006

Date

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant requests consideration of ☐ the references listed on the attached Form PTO-1449 and/or ☒ the additional information identified below in paragraph 5.

1. This Information Disclosure Statement is submitted:

- a. ☐ within 3 months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
☐ within 3 months of the date of entry of the national stage as set forth in § 1.491 in an International application;
☒ before the mailing date of a first Office Action on the merits; or
☐ before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.
- b. ☐ after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus: ☐ the certification of paragraph 2 below is provided, or ☐ a fee of \$180.00 is enclosed below.
- c. ☐ after the mailing date of a final Office Action or a Notice of Allowance and prior

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to payment of the issue fee, and thus: the certification of paragraph 2 below is provided and a fee of \$180.00 is enclosed below.

2. It is hereby certified:

☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56 (c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following additional information (including any co-pending or abandoned U.S. applications, prior uses and/or sales, etc.) is requested:

4. For each non-English language reference listed on the attached Form PTO-1449:

☐ reference is made to an English language translation submitted herewith, and/or

☐ reference is made to a foreign patent office search report (in the English language) submitted herewith, and/or

☐ reference is made to an English language translation of a foreign patent office search report submitted herewith, and/or

☐ reference is made to the concise explanation contained in the specification of the present application at page(s) _____, and/or

☐ reference is made to the concise explanation set forth below:

5. ☒ Applicant also offers the following comments for the Examiner's consideration:

Applicant is aware that, prior to the filing date of the present application, a specification was proposed for a fan controller that monitored thermal zones, fan speeds and voltages. Overall, the specification described the functionality of an integrated, hardware-based fan control and fan monitoring system that supported the following features:

- Internal Ambient Temperature sensing
- Monitoring of two remote thermal diodes
- Five Voltage Identification Inputs
- Five Voltage Supply Monitors
- SMBus 2.0 compliant interface
- XOR Tree Test Mode
- PWM fan control and tachometer monitoring
 - * Monitor four fans controlled by three PWM outputs
 - * Programmable automatic fan control based on temperature.

The specification further described an autofan control algorithm to control three PWM

outputs based on three temperature zones, and proposed fan control and fan monitoring systems that included registers corresponding to each implemented function, with each register configurable by a host computer BIOS. These registers could be programmed and updated as part of the autofan control algorithm, allowing the monitoring of temperatures in three different zones and the monitoring of four different tachometer signals. These registers could also be used for setting fan control voltage limits, temperature limits, and three separate hysteresis values.

6. ☐ Also enclosed is a copy of a foreign search report citing these references.
7. ☐ The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.
8. ☐ Applicant(s) requests that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.

Applicant does not believe that any fees are required relating to this Information Disclosure Statement. The Commissioner is hereby authorized to charge any fees which may be required or credit any overpayment to Meyertons, Hood, Kivlin, Kowert & Goetzel PC, Deposit Account No. 50-1505/5707-05100/JCH.

Respectfully submitted,



Jeffrey C. Hood
Reg. No. 35,198
Attorney for Applicant(s)

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(512) 853-8800

Date: 1/10/2006

PTO/ST/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO Modified	Complete If Known
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Application Number 10/668,062
	Confirmation No.: 3007
	Filing Date: September 22, 2003
	First Named Inventor: Leonid A. Bekker
	Art Unit: 2837
Examiner Name: Duda, Rina I.	
Attorney Docket Number: 5707-09100	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-2005-004077-A1	02-24-2005	Bekker	
		US-2005-0156544-A1	07-21-2005	Marando et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code-Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Check if English Translation is attached
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, (page(s), volume-issue number(s), publisher, city and/or country where published.	Check if English Translation is attached
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application. ¹Applicant's unique citation designation number (optional).